



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

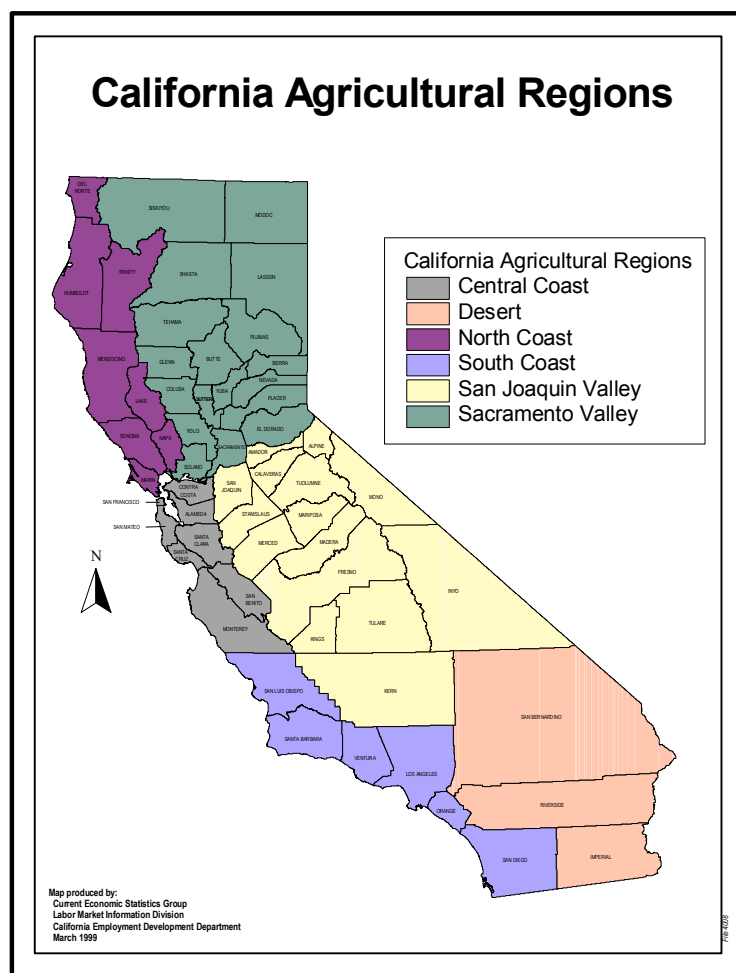
April 2003
(Internet Version)

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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from 5 to 17 within each of the 6 geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

Total Agricultural Crop and Service Production employment for April 2003 increased 73,700 jobs over the previous month, a gain of 24.6 percent. The largest increase was seen in Agricultural Services, of 40,800 jobs, driven by the increase in Farm Labor Contractors of 30,000 jobs. Most crop categories registered increases for the month of April. The largest decrease for the month was seen in Dairy Farms with a decline of 1,100 jobs. It is normal for both Agricultural Production and Agricultural Services to show increases from March to April. In the breakdown of the regions, San Joaquin Valley increased by 35.2 percent or 45,900 jobs and the Desert Region declined by 7.5 percent or 2,700 jobs.

Total Agricultural Wages showed an increase of one cent from March 2003 to April 2003. Agricultural Livestock Production increased three cents and Total Agricultural Crop Production increased one cent, while Total Agricultural Services declined by one cent.

Production and Crop Activity

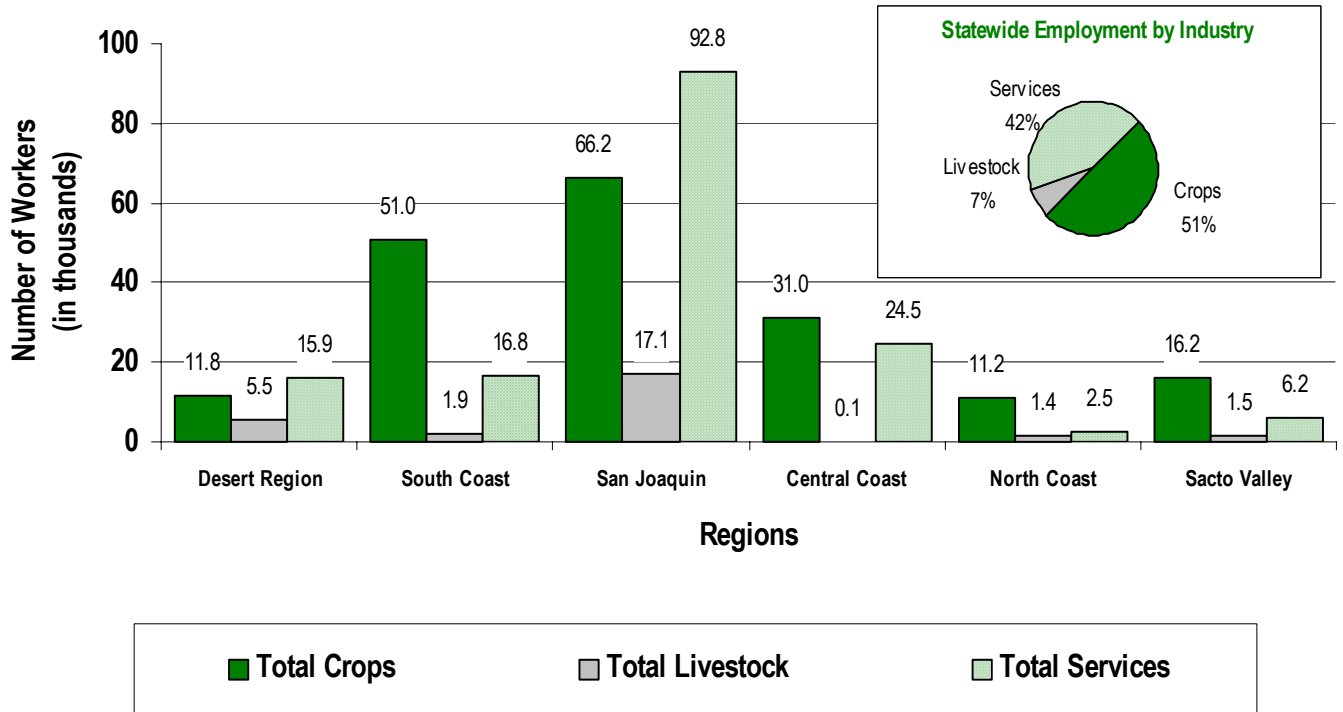
Cotton planting was delayed and growth of existing plants slowed due to rain showers and cool temperatures. Alfalfa was cut, windrowed and baled for hay as well as being green chopped in some areas. Pesticide applications were made to some alfalfa fields to control weeds and weevils. Some fields of winter forage were cut, windrowed and drying, or green chopped for feed. Sugar beets continued to grow vigorously, but fieldwork was limited by wet conditions. Insecticide treatments were necessary in some sugar beet fields to control mildew and insects. The harvest of sugar beets began on a limited basis. Planting of corn for grain and silage continued. A few fields of corn have been replanted due to small hail and heavy rains in isolated areas. Safflower was being planted in a few locations and harvested in other areas. Rice ground was being worked, and spot burning was taking place on burn days. Planting of rice fields continued as conditions allowed. Herbicide applications were made to previously planted rice fields and to fields being prepared for rice planting. Vegetable growers are expected to leave hot caps on vegetable crops until mid-April. Fields were irrigated, cultivated, and treated to control insect pests and diseases. Pre-planting activities such as weeding and spraying continued in tomato and melon fields. Planting of various summer vegetables continued. Transplanting of processing tomatoes, red leaf lettuce, squash, melons, and various peppers continued. Sweet corn was being planted for summer harvest. Sweet potato planting was also underway. Harvesting of broccoli, head and leaf lettuce, cauliflower, and asparagus continued in the San Joaquin Valley. Spring potatoes were being harvested in a few locations. Asparagus harvesting will be completed by month's end in Imperial Valley. The following vegetables were also harvested during the month of April: artichokes, basil, beets, bok choy, cabbage, carrots, celery, cilantro, green onions, mustard greens, parsley, parsnips, peas, radishes, radicchio, spinach, squash, and zucchini.

Seasonal cultural activities such as weed control, fungicide application, cultivation, and irrigation continued in orchards and vineyards. Fruit growers were thinning fruit, as orchards were well leafed out and loaded with developing fruit. Leaf and shoot thinning continued in table grape vineyards. Apple and Cherry growers applied treatments to prevent disease and insect damage. Asian pear and persimmon orchards were treated with fungicides to control disease. Strawberries were harvested for the fresh market. Navel and Valencia oranges, late-season tangerines, lemons, and grapefruit were picked and packed. Nut growers performed seasonal cultural activities such as pruning, irrigating and spraying trees. Walnuts were sprayed for blight.

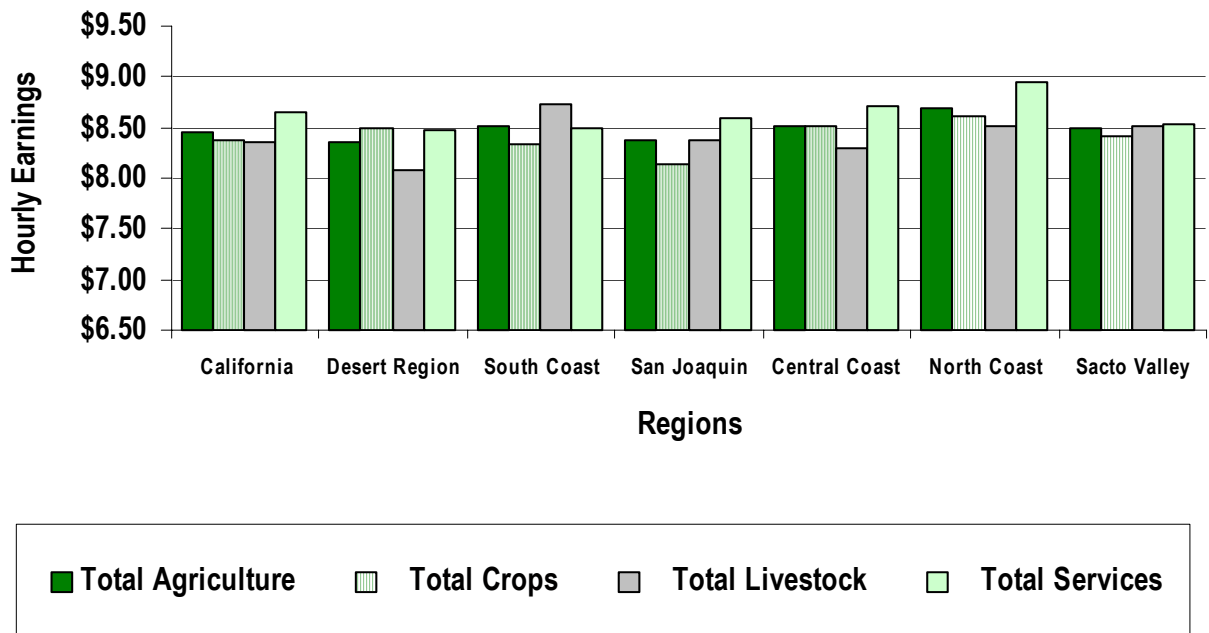
Cattle weight gains were reported as good to excellent. Spring lambs were beginning to ship to market for upcoming Easter holiday. Bees were active in blooming orange, cherry, and apple orchards in the central part of the State.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	373.6	299.9	380.3
Total Agricultural Production/Crops	187.4	153.8	192.3
Cash Grains	2.7	2.3	2.8
Rice	1.8	1.2	1.7
Other Cash Grains	0.9	1.1	1.1
Field Crops Except Grains	9.7	8.8	10.0
Cotton	5.0	4.2	5.1
Other Field Crops	4.7	4.6	4.9
Vegetables and Melons	33.4	26.1	33.8
Total Fruits and Tree Nuts	79.1	61.8	82.8
Berries	20.8	15.8	21.2
Grapes	32.8	27.3	34.0
Tree Nuts	6.8	6.6	7.3
Citrus Fruits	2.9	2.4	3.7
Deciduous Tree Fruit	9.3	5.0	9.9
Other Fruits & Nuts	6.5	4.7	6.7
Total Horticultural Specialties	38.1	36.7	38.5
Ornamental Floral & Nursery	34.9	33.4	34.9
Food Crops Grown Under Cover	3.2	3.3	3.6
General Farm Primarily Crop	24.4	18.1	24.4
Agricultural Production/Livestock	27.5	28.2	29.0
Beef Cattle Feed Lots	0.7	0.8	0.9
Beef Cattle Except Feed Lots	2.9	3.0	3.5
Dairy Farms	16.2	17.3	16.3
Chicken Eggs	2.4	2.0	2.3
Turkey & Turkey Eggs	0.7	0.7	1.0
Other Livestock	4.6	4.4	5.0
Total Agricultural Services	158.7	117.9	159.0
Soil Preparation Services	1.5	1.5	2.1
Crop Services	41.9	32.6	41.7
Plant Cultivate & Protection	6.4	4.4	6.3
Harvest Primarily by Machine	5.1	2.9	5.4
Preparation Services for Market	29.7	24.5	29.4
Cotton Ginning	0.7	0.8	0.6
Total Farm Labor & Management	115.3	83.8	115.2
Farm Labor Contractors	104.5	74.5	104.4
Farm Management Services	10.8	9.3	10.8

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.46	8.45	8.39
Total Agricultural Production/Crops	8.38	8.37	8.35
Cash Grains	8.44	8.49	8.43
Rice	8.68	8.65	8.63
Other Cash Grains	8.20	8.33	8.24
Field Crops Except Grains	8.26	8.25	8.46
Cotton	8.17	8.16	8.46
Other Field Crops	8.35	8.34	8.45
Vegetables and Melons	8.47	8.42	8.45
Total Fruits and Tree Nuts	8.37	8.38	8.20
Berries	8.15	8.04	8.20
Grapes	8.43	8.43	8.21
Tree Nuts	8.50	8.58	8.21
Citrus Fruits	8.45	8.38	8.11
Deciduous Tree Fruit	8.27	8.34	8.04
Other Fruits & Nuts	8.44	8.50	8.47
Total Horticultural Specialties	8.41	8.39	8.32
Ornamental Floral & Nursery	8.56	8.54	8.43
Food Crops Grown Under Cover	8.27	8.25	8.20
General Farm Primarily Crop	8.30	8.29	8.25
Agricultural Production/Livestock	8.35	8.32	8.24
Beef Cattle Feed Lots	8.06	8.04	8.22
Beef Cattle Except Feed Lots	8.58	8.57	8.29
Dairy Farms	8.70	8.69	8.49
Chicken Eggs	8.05	7.92	8.03
Turkey & Turkey Eggs	8.22	8.21	7.92
Other Livestock	8.51	8.50	8.48
Total Agricultural Services	8.65	8.66	8.58
Soil Preparation Services	8.69	8.74	8.71
Crop Services	8.79	8.78	8.62
Plant Cultivate & Protection	8.71	8.67	8.56
Harvest Primarily by Machine	8.78	8.77	8.70
Preparation Services for Market	8.34	8.33	8.19
Cotton Ginning	9.34	9.35	9.03
Total Farm Labor & Management	8.47	8.45	8.40
Farm Labor Contractors	8.26	8.25	8.20
Farm Management Services	8.67	8.64	8.61

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	55.6	40.6	56.7
Total Agricultural Production/Crops	31.0	24.6	31.2
Cash Grains	0.1	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.3
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.3
Vegetables and Melons	13.7	9.6	13.7
Total Fruits and Tree Nuts	5.3	4.2	5.4
Berries	3.8	2.7	3.8
Grapes	1.1	1.5	1.1
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.3	0.0	0.3
Other Fruits & Nuts	0.1	0.0	0.1
Total Horticultural Specialties	10.0	9.5	9.9
Ornamental Floral & Nursery	7.8	7.3	7.7
Food Crops Grown Under Cover	2.2	2.2	2.2
General Farm Primarily Crop	1.9	1.3	1.9
Agricultural Production/Livestock	0.1	0.1	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.1	0.1	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.0	0.0	0.4
Total Agricultural Services	24.5	15.9	24.5
Soil Preparation Services	0.8	0.7	0.9
Crop Services	8.3	5.5	8.2
Plant Cultivate & Protection	1.0	0.7	0.9
Harvest Primarily by Machine	1.6	0.7	1.6
Preparation Services for Market	5.7	4.1	5.7
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	15.4	9.7	15.4
Farm Labor Contractors	14.4	8.7	14.4
Farm Management Services	1.0	1.0	1.0

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.51	8.54	8.49
Total Agricultural Production/Crops	8.52	8.63	8.46
Cash Grains	8.11	na	na
Rice	na	na	na
Other Cash Grains	8.11	na	na
Field Crops Except Grains	na	na	8.53
Cotton	na	na	na
Other Field Crops	na	na	8.53
Vegetables and Melons	9.10	9.11	8.80
Total Fruits and Tree Nuts	8.44	8.53	8.31
Berries	8.61	8.50	8.51
Grapes	8.68	8.56	8.26
Tree Nuts	na	na	8.30
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.02	na	8.08
Other Fruits & Nuts	8.46	na	8.42
Total Horticultural Specialties	8.56	8.54	8.45
Ornamental Floral & Nursery	8.56	8.55	8.51
Food Crops Grown Under Cover	8.55	8.53	8.38
General Farm Primarily Crop	8.37	8.34	8.23
Agricultural Production/Livestock	8.30	8.29	8.28
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.23
Dairy Farms	na	na	8.54
Chicken Eggs	8.30	8.29	8.20
Turkey & Turkey Eggs	na	na	7.92
Other Livestock	na	na	8.52
Total Agricultural Services	8.71	8.69	8.73
Soil Preparation Services	8.80	8.79	8.92
Crop Services	8.78	8.74	8.67
Plant Cultivate & Protection	8.72	8.60	8.56
Harvest Primarily by Machine	9.16	9.15	9.07
Preparation Services for Market	8.47	8.46	8.39
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.55	8.54	8.60
Farm Labor Contractors	8.31	8.30	8.30
Farm Management Services	8.78	8.77	8.89

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	33.2	35.9	34.8
Total Agricultural Production/Crops	11.8	14.1	13.3
Cash Grains	0.0	0.2	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.2	0.1
Field Crops Except Grains	1.6	1.7	1.4
Cotton	0.0	0.0	0.1
Other Field Crops	1.6	1.7	1.3
Vegetables and Melons	3.0	3.7	3.2
Total Fruits and Tree Nuts	3.7	4.2	4.8
Berries	0.0	0.0	0.2
Grapes	2.3	3.3	2.5
Tree Nuts	0.0	0.0	0.2
Citrus Fruits	0.0	0.0	0.5
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	1.4	0.9	1.3
Total Horticultural Specialties	1.3	1.7	1.5
Ornamental Floral & Nursery	1.3	1.7	1.4
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.2	2.6	2.3
Agricultural Production/Livestock	5.5	6.1	5.6
Beef Cattle Feed Lots	0.3	0.3	0.3
Beef Cattle Except Feed Lots	0.6	0.7	0.6
Dairy Farms	2.8	3.3	2.9
Chicken Eggs	1.2	1.2	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.6	0.6	0.6
Total Agricultural Services	15.9	15.7	15.9
Soil Preparation Services	0.0	0.0	0.2
Crop Services	4.5	4.3	4.3
Plant Cultivate & Protection	0.6	0.2	0.5
Harvest Primarily by Machine	0.8	0.8	0.9
Preparation Services for Market	3.0	3.1	2.8
Cotton Ginning	0.1	0.2	0.1
Total Farm Labor & Management	11.4	11.4	11.4
Farm Labor Contractors	9.2	10.0	9.2
Farm Management Services	2.2	1.4	2.2

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.35	8.36	8.24
Total Agricultural Production/Crops	8.50	8.52	8.21
Cash Grains	na	8.65	8.11
Rice	na	na	na
Other Cash Grains	na	8.65	8.11
Field Crops Except Grains	8.89	8.88	8.69
Cotton	na	na	8.65
Other Field Crops	8.89	8.88	8.73
Vegetables and Melons	8.35	8.34	8.37
Total Fruits and Tree Nuts	8.62	8.62	7.98
Berries	na	na	8.20
Grapes	8.65	8.64	7.82
Tree Nuts	na	na	7.74
Citrus Fruits	na	na	7.95
Deciduous Tree Fruit	na	na	7.61
Other Fruits & Nuts	8.59	8.60	8.53
Total Horticultural Specialties	8.39	8.38	7.91
Ornamental Floral & Nursery	8.39	8.38	8.19
Food Crops Grown Under Cover	na	na	7.63
General Farm Primarily Crop	8.26	8.25	8.21
Agricultural Production/Livestock	8.09	8.09	8.03
Beef Cattle Feed Lots	7.93	7.92	8.15
Beef Cattle Except Feed Lots	8.25	8.28	8.23
Dairy Farms	8.49	8.48	8.33
Chicken Eggs	7.62	7.61	7.34
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.15	8.14	8.12
Total Agricultural Services	8.47	8.46	8.46
Soil Preparation Services	na	na	8.69
Crop Services	8.63	8.63	8.51
Plant Cultivate & Protection	8.54	8.53	8.34
Harvest Primarily by Machine	8.99	8.98	9.03
Preparation Services for Market	8.12	8.11	7.95
Cotton Ginning	8.88	8.89	8.71
Total Farm Labor & Management	8.30	8.30	8.19
Farm Labor Contractors	8.13	8.14	8.07
Farm Management Services	8.47	8.46	8.31

na = not available

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	15.1	12.9	16.0
Total Agricultural Production/Crops	11.2	9.4	11.6
Cash Grains	0.1	0.1	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.1	0.0
Field Crops Except Grains	0.0	0.0	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.0
Vegetables and Melons	0.1	0.0	0.2
Total Fruits and Tree Nuts	9.1	7.9	9.3
Berries	0.0	0.0	0.0
Grapes	8.5	7.1	8.5
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.6	0.8	0.6
Other Fruits & Nuts	0.0	0.0	0.1
Total Horticultural Specialties	1.6	1.4	1.8
Ornamental Floral & Nursery	1.6	1.4	1.6
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.3	0.0	0.3
Agricultural Production/Livestock	1.4	1.5	1.7
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.2	0.2
Dairy Farms	0.9	1.1	0.9
Chicken Eggs	0.1	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.2	0.3
Total Agricultural Services	2.5	2.0	2.7
Soil Preparation Services	0.1	0.0	0.0
Crop Services	0.0	0.0	0.2
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.4	2.0	2.5
Farm Labor Contractors	0.3	0.2	0.4
Farm Management Services	2.1	1.8	2.1

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.69	8.72	8.47
Total Agricultural Production/Crops	8.62	8.72	8.53
Cash Grains	8.63	8.62	na
Rice	na	na	na
Other Cash Grains	8.63	8.62	na
Field Crops Except Grains	na	na	na
Cotton	na	na	na
Other Field Crops	na	na	na
Vegetables and Melons	8.66	na	8.65
Total Fruits and Tree Nuts	8.62	8.62	8.56
Berries	na	na	na
Grapes	8.55	8.56	8.60
Tree Nuts	na	na	8.30
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.68	8.67	8.68
Other Fruits & Nuts	na	na	8.64
Total Horticultural Specialties	8.93	8.91	8.51
Ornamental Floral & Nursery	8.93	8.91	8.69
Food Crops Grown Under Cover	na	na	8.32
General Farm Primarily Crop	8.26	na	8.39
Agricultural Production/Livestock	8.51	8.51	8.33
Beef Cattle Feed Lots	na	na	8.24
Beef Cattle Except Feed Lots	8.32	8.33	8.23
Dairy Farms	8.52	8.53	8.22
Chicken Eggs	8.54	na	8.49
Turkey & Turkey Eggs	na	na	7.92
Other Livestock	8.67	8.66	8.85
Total Agricultural Services	8.95	8.95	8.57
Soil Preparation Services	8.61	na	na
Crop Services	na	na	8.38
Plant Cultivate & Protection	na	na	8.56
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.19
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.80	8.78	8.77
Farm Labor Contractors	8.65	8.63	8.64
Farm Management Services	8.94	8.93	8.90

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	69.7	62.3	71.2
Total Agricultural Production/Crops	51.0	44.9	52.1
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	0.0	0.2	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.2	0.2
Vegetables and Melons	7.8	6.4	7.8
Total Fruits and Tree Nuts	21.4	17.5	22.2
Berries	16.8	13.1	17.0
Grapes	1.4	1.8	1.7
Tree Nuts	0.1	0.0	0.1
Citrus Fruits	1.7	1.2	1.5
Deciduous Tree Fruit	0.0	0.0	0.2
Other Fruits & Nuts	1.4	1.4	1.7
Total Horticultural Specialties	18.2	17.8	18.2
Ornamental Floral & Nursery	17.4	16.8	17.4
Food Crops Grown Under Cover	0.8	1.0	0.8
General Farm Primarily Crop	3.6	3.0	3.6
Agricultural Production/Livestock	1.9	1.7	1.9
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.3	0.3
Dairy Farms	0.0	0.1	0.1
Chicken Eggs	0.5	0.4	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.1	0.9	1.1
Total Agricultural Services	16.8	15.7	17.2
Soil Preparation Services	0.0	0.3	0.2
Crop Services	3.1	2.4	3.2
Plant Cultivate & Protection	0.4	0.5	0.5
Harvest Primarily by Machine	0.0	0.0	0.2
Preparation Services for Market	2.7	1.9	2.5
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	13.7	13.0	13.8
Farm Labor Contractors	12.2	11.6	12.3
Farm Management Services	1.5	1.4	1.5

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.52	8.53	8.43
Total Agricultural Production/Crops	8.34	8.33	8.38
Cash Grains	na	na	8.63
Rice	na	na	na
Other Cash Grains	na	na	8.63
Field Crops Except Grains	na	8.37	8.52
Cotton	na	na	na
Other Field Crops	na	8.37	8.52
Vegetables and Melons	8.20	8.19	8.28
Total Fruits and Tree Nuts	8.30	8.29	8.23
Berries	7.48	7.58	7.88
Grapes	8.44	8.43	8.21
Tree Nuts	8.34	na	8.30
Citrus Fruits	8.58	8.46	8.53
Deciduous Tree Fruit	na	na	7.98
Other Fruits & Nuts	8.68	8.69	8.50
Total Horticultural Specialties	8.51	8.46	8.39
Ornamental Floral & Nursery	8.63	8.55	8.62
Food Crops Grown Under Cover	8.38	8.37	8.15
General Farm Primarily Crop	8.36	8.35	8.23
Agricultural Production/Livestock	8.73	8.70	8.39
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	9.47	9.43	8.58
Dairy Farms	na	8.68	8.49
Chicken Eggs	8.16	8.15	8.06
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.55	8.54	8.42
Total Agricultural Services	8.49	8.56	8.53
Soil Preparation Services	na	8.79	8.71
Crop Services	8.61	8.58	8.57
Plant Cultivate & Protection	8.90	8.86	8.81
Harvest Primarily by Machine	na	na	8.70
Preparation Services for Market	8.32	8.30	8.19
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.37	8.30	8.32
Farm Labor Contractors	8.05	8.02	8.04
Farm Management Services	8.68	8.58	8.60

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	176.1	130.2	177.7
Total Agricultural Production/Crops	66.2	48.5	68.2
Cash Grains	0.5	0.5	0.7
Rice	0.1	0.0	0.1
Other Cash Grains	0.4	0.5	0.6
Field Crops Except Grains	7.5	6.4	7.5
Cotton	5.0	4.2	5.0
Other Field Crops	2.5	2.2	2.5
Vegetables and Melons	7.3	5.4	7.4
Total Fruits and Tree Nuts	33.0	22.7	34.7
Berries	0.2	0.0	0.1
Grapes	18.1	12.3	19.1
Tree Nuts	4.3	4.3	4.3
Citrus Fruits	1.2	1.2	1.7
Deciduous Tree Fruit	6.4	2.5	6.7
Other Fruits & Nuts	2.8	2.4	2.8
Total Horticultural Specialties	4.9	4.6	4.9
Ornamental Floral & Nursery	4.7	4.5	4.7
Food Crops Grown Under Cover	0.2	0.1	0.2
General Farm Primarily Crop	13.0	8.9	13.0
Agricultural Production/Livestock	17.1	17.5	17.1
Beef Cattle Feed Lots	0.4	0.5	0.4
Beef Cattle Except Feed Lots	1.4	1.3	1.6
Dairy Farms	11.9	12.3	11.8
Chicken Eggs	0.5	0.3	0.5
Turkey & Turkey Eggs	0.7	0.7	0.8
Other Livestock	2.2	2.4	2.0
Total Agricultural Services	92.8	64.2	92.4
Soil Preparation Services	0.6	0.5	0.7
Crop Services	23.4	18.7	23.3
Plant Cultivate & Protection	3.6	2.7	3.6
Harvest Primarily by Machine	2.3	1.3	2.3
Preparation Services for Market	16.9	14.1	16.9
Cotton Ginning	0.6	0.6	0.5
Total Farm Labor & Management	68.8	45.0	68.4
Farm Labor Contractors	65.0	41.5	64.6
Farm Management Services	3.8	3.5	3.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.37	8.32	8.30
Total Agricultural Production/Crops	8.13	8.03	8.19
Cash Grains	8.22	7.75	8.27
Rice	8.66	na	8.57
Other Cash Grains	7.77	7.75	7.96
Field Crops Except Grains	8.03	8.02	8.26
Cotton	8.17	8.16	8.27
Other Field Crops	7.89	7.88	8.24
Vegetables and Melons	7.99	7.91	8.14
Total Fruits and Tree Nuts	8.32	8.29	8.18
Berries	8.36	na	8.20
Grapes	8.00	7.99	8.35
Tree Nuts	8.72	8.71	8.39
Citrus Fruits	8.31	8.30	7.84
Deciduous Tree Fruit	8.23	8.22	7.74
Other Fruits & Nuts	8.27	8.22	8.55
Total Horticultural Specialties	8.10	8.08	8.27
Ornamental Floral & Nursery	8.32	8.31	8.11
Food Crops Grown Under Cover	7.87	7.84	8.42
General Farm Primarily Crop	8.13	8.11	8.05
Agricultural Production/Livestock	8.38	8.36	8.33
Beef Cattle Feed Lots	8.19	8.15	8.24
Beef Cattle Except Feed Lots	8.42	8.41	8.23
Dairy Farms	9.06	9.05	8.85
Chicken Eggs	7.62	7.61	8.06
Turkey & Turkey Eggs	8.22	8.21	7.92
Other Livestock	8.76	8.74	8.68
Total Agricultural Services	8.59	8.57	8.39
Soil Preparation Services	8.65	8.64	8.52
Crop Services	8.81	8.80	8.53
Plant Cultivate & Protection	8.71	8.69	8.54
Harvest Primarily by Machine	8.32	8.31	8.08
Preparation Services for Market	8.41	8.38	8.15
Cotton Ginning	9.79	9.81	9.35
Total Farm Labor & Management	8.31	8.26	8.12
Farm Labor Contractors	8.05	8.01	7.91
Farm Management Services	8.57	8.51	8.33

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	23.9	18.0	23.9
Total Agricultural Production/Crops	16.2	12.3	15.9
Cash Grains	2.0	1.5	1.9
Rice	1.7	1.2	1.6
Other Cash Grains	0.3	0.3	0.3
Field Crops Except Grains	0.6	0.5	0.6
Cotton	0.0	0.0	0.0
Other Field Crops	0.6	0.5	0.6
Vegetables and Melons	1.5	1.0	1.5
Total Fruits and Tree Nuts	6.6	5.3	6.4
Berries	0.0	0.0	0.1
Grapes	1.4	1.3	1.1
Tree Nuts	2.4	2.3	2.5
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	2.0	1.7	2.0
Other Fruits & Nuts	0.8	0.0	0.7
Total Horticultural Specialties	2.1	1.7	2.2
Ornamental Floral & Nursery	2.1	1.7	2.1
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	3.4	2.3	3.3
Agricultural Production/Livestock	1.5	1.3	1.7
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.4	0.5	0.5
Dairy Farms	0.6	0.5	0.5
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.3	0.6
Total Agricultural Services	6.2	4.4	6.3
Soil Preparation Services	0.0	0.0	0.1
Crop Services	2.6	1.7	2.5
Plant Cultivate & Protection	0.8	0.3	0.7
Harvest Primarily by Machine	0.4	0.1	0.4
Preparation Services for Market	1.4	1.3	1.4
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.6	2.7	3.7
Farm Labor Contractors	3.4	2.5	3.5
Farm Management Services	0.2	0.2	0.2

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Apr 2003	Mar 2003	Apr 2002
Total Agriculture	8.49	8.49	8.40
Total Agricultural Production/Crops	8.42	8.42	8.35
Cash Grains	8.50	8.47	8.47
Rice	8.70	8.65	8.68
Other Cash Grains	8.30	8.29	8.25
Field Crops Except Grains	8.26	8.24	8.24
Cotton	na	na	na
Other Field Crops	8.26	8.24	8.24
Vegetables and Melons	8.54	8.53	8.48
Total Fruits and Tree Nuts	8.26	8.32	8.15
Berries	na	na	8.20
Grapes	8.24	8.37	8.01
Tree Nuts	8.43	8.45	8.21
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.14	8.13	8.13
Other Fruits & Nuts	8.22	na	8.20
Total Horticultural Specialties	8.52	8.53	8.39
Ornamental Floral & Nursery	8.52	8.53	8.45
Food Crops Grown Under Cover	na	na	8.32
General Farm Primarily Crop	8.44	8.42	8.39
Agricultural Production/Livestock	8.52	8.51	8.33
Beef Cattle Feed Lots	na	na	8.24
Beef Cattle Except Feed Lots	8.42	8.40	8.23
Dairy Farms	8.74	8.72	8.53
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.40	8.41	8.30
Total Agricultural Services	8.53	8.54	8.53
Soil Preparation Services	na	na	8.71
Crop Services	8.58	8.57	8.47
Plant Cultivate & Protection	8.70	8.69	8.54
Harvest Primarily by Machine	8.64	8.63	8.61
Preparation Services for Market	8.40	8.39	8.26
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.48	8.51	8.42
Farm Labor Contractors	8.35	8.40	8.22
Farm Management Services	8.60	8.61	8.61

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the State's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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